

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

STARRED QUESTION NO:258
ANSWERED ON:05.12.2002
DEMAND OF POWER IN COUNTRY
GORDHANBHAI JAVIA;PUSHPDAN SHAMBHUDAN GADHAVI

Will the Minister of POWER be pleased to state:

- (a) the details of the estimated demand of power in the country by the year 2005, State-wise, particularly in Gujarat;
- (b) whether the existing power plants are likely to be able to meet the power demand;
- (c) if so, the details thereof; and
- (d) the total power generating capacity of the existing power plants at present, State-wise?

Answer

THE MINISTER OF POWER (SHRI ANANT G. GEETE)

(a) to (d) : A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. 258 TO BE ANSWERED IN TI
LOK SABHA ON 05.12.2002 REGARDING DEMAND OF POWER IN COUNTRY.

(a) to (d) : Based on the projection made in the 16th Electric Power Survey by the Central Electricity Authority, all India energy requirement by the year 2005 is estimated to be 635065 Million Unit and the corresponding peak load would be 102160.8 MW. The corresponding figure for the State of Gujarat are 54970 Million Unit and 9470 MW, respectively. The State-wise details are given at Annex-I. The all India Installed Generating Capacity is 106266.90 MW (as on 31.10.2002). The State-wise details are given at Annex-II.

A capacity addition of around 41,110 MW has been targeted for 10th Five Year Plan. An additional capacity of 3000 MW is expected to come from renewables. Emphasis has been laid on higher capacity addition from Public Sector during the 10th Plan. Planning Commission has allocated an outlay of Rs 1,43,399 crore for 10th Plan which is about 214% more than the Ninth Plan outlay. All identified projects for the 10th Plan are monitored and reviewed at periodic intervals in the Ministry of Power.

In addition to the benefits from new generating capacity, the power supply position is expected to improve through :-

? Undertaking energy conservation measures for which the Energy Conservation Act has been enacted and the Bureau of Energy Efficiency constituted. There is a potential of approximately 25% savings through Energy Conservation.

? Reducing technical losses in distribution. The Accelerated Power Development and Reforms Programme (APDRP) is designed for the attainment of this objective.

? Undertaking Renovation and Modernisation (R&M) of existing power stations which combined with improved Operation and Maintenance practices would lead to higher availability and generation.

? Export of power from surplus to deficit region through the gradual development of a National Grid to optimize utilization of generating capacity on an all India basis.

ANNEX-I

ANNEX REFERRED TO IN PARTS (a) TO (d) OF THE STATEMENT Laid IN REPLY TO STARRED QUESTION NO. 258 TO B
ANSWERED IN THE LOK SABHA ON 05.12.2002 REGARDING DEMAND OF POWER IN COUNTRY.
The Anticipated Energy Requirement and Peak Load at Power Station Bus-bars for the year 2004-05.

Region/State/ System	Energy Requirement (in Million Units)	Peak Load (Megawatt)
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Delhi	22991	3860
Haryana	22089	4203
Himachal Pradesh	4437	844
Jammu & Kashmir	8072	1706
Punjab	36596	6730
Rajasthan	35216	5912
Uttar Pradesh	61681	9907
Chandigarh	1785	336
Goa	2004	322
Gujarat	54970	9470
Madhya Pradesh	46765	7737
Maharashtra	94650	14801
D. & N. Haveli	1119	188
Daman & Diu	761	123
Andhra Pradesh	60633	988
Karnataka	39467	6826
Kerala	19378	3626
Tamil Nadu	49478	7978
Pondicherry	2265	386
Bihar	17932	3320
Orissa	16157	2673
Sikkim	204	52
West Bengal	28114	5265
Ar. Pradesh	264	85
Assam	4558	853
Manipur	857	208
Meghalaya	811	168
Mizoram	433	119
Nagaland	335	85
Tripura	832	211
Andaman & Nicobar	194	40
Lakshadweep	37	8.8

All India	635065	102160.8
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ANNEX-II

ANNEX REFERRED TO IN PARTS (a) TO (d) OF THE STATEMENT IN REPLY TO STARRED QUESTION NO. 258 TO B ANSWERED IN THE LOK SABHA ON 05.12.2002 REGARDING DEMAND OF POWER IN COUNTRY.

The State-wise Generating Capacity as on 31.10.2002 (in MW)

Region/State/ System	Generating Capacity (in MW)
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Haryana	3127.32
Himachal Pradesh	664.80
Jammu & Kashmir	1233.63
Punjab	5655.94
Rajasthan	4510.72
Uttar Pradesh	7602.60
Uttaranchal	1286.15
Chandigarh	64
Delhi	3097.60
Central unallocated	884.00
Gujarat	8861.78
Madhya Pradesh	4220.21
Chhattisgarh	1898.00
Maharashtra	15208.27
Goa	454.76
Daman & Diu	14.20
D. & N. Haveli	15.50
Central unallocated	891.30
Andhra Pradesh	9317.24
Karnataka	5655.77
Kerala	3043.44
Tamil Nadu	9230.81
Pondicherry	174.50
Central unallocated	610.00
Bihar	3059.16
Jharkhand	1815.89
Orissa	3406.48
West Bengal	6550.84
Sikkim	60.80

Central unallocated	1303.51
Assam	1119.49
Manipur	154.11
Meghalaya	285.96
Nagaland	101.46
Tripura	199.46
Ar. Pradesh	162.43
Mizoram	86.30
Central unallocated	179.20
Lakshadweep	9.97
Andaman & Nicobar	49.30
All India	106266.90